

DERWENT-ACC-NO: 1982-78153E

DERWENT-WEEK: 198237

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TITLE: Olefin! resin compsn. having excellent
mouldability - contains low density polyethylene and linear
polyethylene(s) for improved melt strength

PATENT-ASSIGNEE: SEKISUI CHEM IND CO LTD[SEKI]

PRIORITY-DATA: 1981JP-0014693 (February 2, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 57128729 A	August 10, 1982	N/A
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INT-CL (IPC): C08L023/06

ABSTRACTED-PUB-NO: JP 57128729A

BASIC-ABSTRACT:

Olefin resin compsn. with excellent mouldability comprises 5-50 wt.% of low density polyethylene with melt indexes of 0.1-3.0 g/10 minutes and 95-50 wt.% of linear low density polyethylene.

The compsns. have no problem of resin sagging at moulding because of improved melt strength and can give double weight films or films with high blow-up ratios because of excellent mouldability. The compsns. are suitable for inflation moulding.

In an example, a resin mixt. contains low density polyethylene with a melt index of 10.5 g/minutes and density of 0.922 g/cc. No resin sagging at moulding occurred, and films 170 microns thick were stably moulded. The films obtd. were excellent in tensile strength and shock resistance.

TITLE-TERMS: POLYOLEFIN RESIN COMPOSITION MOULD CONTAIN LOW DENSITY
POLYETHYLENE LINEAR POLYETHYLENE IMPROVE MELT STRENGTH

DERWENT-CLASS: A17

CPI-CODES: A04-G01B; A04-G02B; A07-A02D; A12-S06D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0218 0226 3151 0239 0240 3319 0246 3235 2513 2514 2518
2560 2561

2562 2635 2654

Multipunch Codes: 013 02& 034 040 041 046 047 048 415 435 437 450 494
497 512

514 54& 551 567 573 575 58& 596 688